

CORROSIVITY TOWARD STEEL
EPA 1110 A 11/2004

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Facility Name: _____ VELAP ID: _____

Assessor Name: _____ Analyst Name: _____ Inspection Date: _____

Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____

Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____

Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Were duplicate determinations of corrosion rate made?	3.1				
Were supporting devices and containers made of materials that did not contaminate samples?	4.2				
Were coupons supported so that they were insulated from each other physically and electrically during the test?	4.3				
Were coupon areas measured and calculated to $\pm 1\%$?	4.5.1				
Were the minimum ratios of volumes of waste to areas of metal coupons 40 mL/cm ² ?	4.5.3				
Was sodium hydroxide reagent made to 20%(w/v) NaOH in Type II Water?	5.1				
Were samples agitated during testing at a rate that kept them well-mixed and homogenous?	7.3				
Were the wastes brought to a temperature of 55°C during testing?	7.4				
Were coupons cleaned and dried after immersion in a way that removed waste material yet removed minimal sound metal?	7.6				
Were blank coupons that had not been exposed to waste cleaned with the rest of the coupons to determine metal loss by cleaning?	7.7				
Were corrosion rates determined by the equation: (weight loss x 87.60)/(area x time x metal density)?	7.8				

Notes/Comments: